

ABSTRACT

A tire includes a reinforced carcass, a reinforced crown, and two beads, each bead extended radially towards the outside by a tire sidewall. Each sidewall joins the tread radially towards the outside. The carcass reinforcement includes first and second filaments, each forming on one hand at the level of the crown and the sidewalls a series of transverse portions extending substantially from one bead of the tire to the other, and forming on the other hand, at the level of the beads, U-shaped connections joining two successive transverse portions of the respective filament. The respective paths of the first and second filaments are arranged such that, between the crown and the bead, a group of filaments formed by a first and a second adjacent filament forms at least a portion of parallel paths.